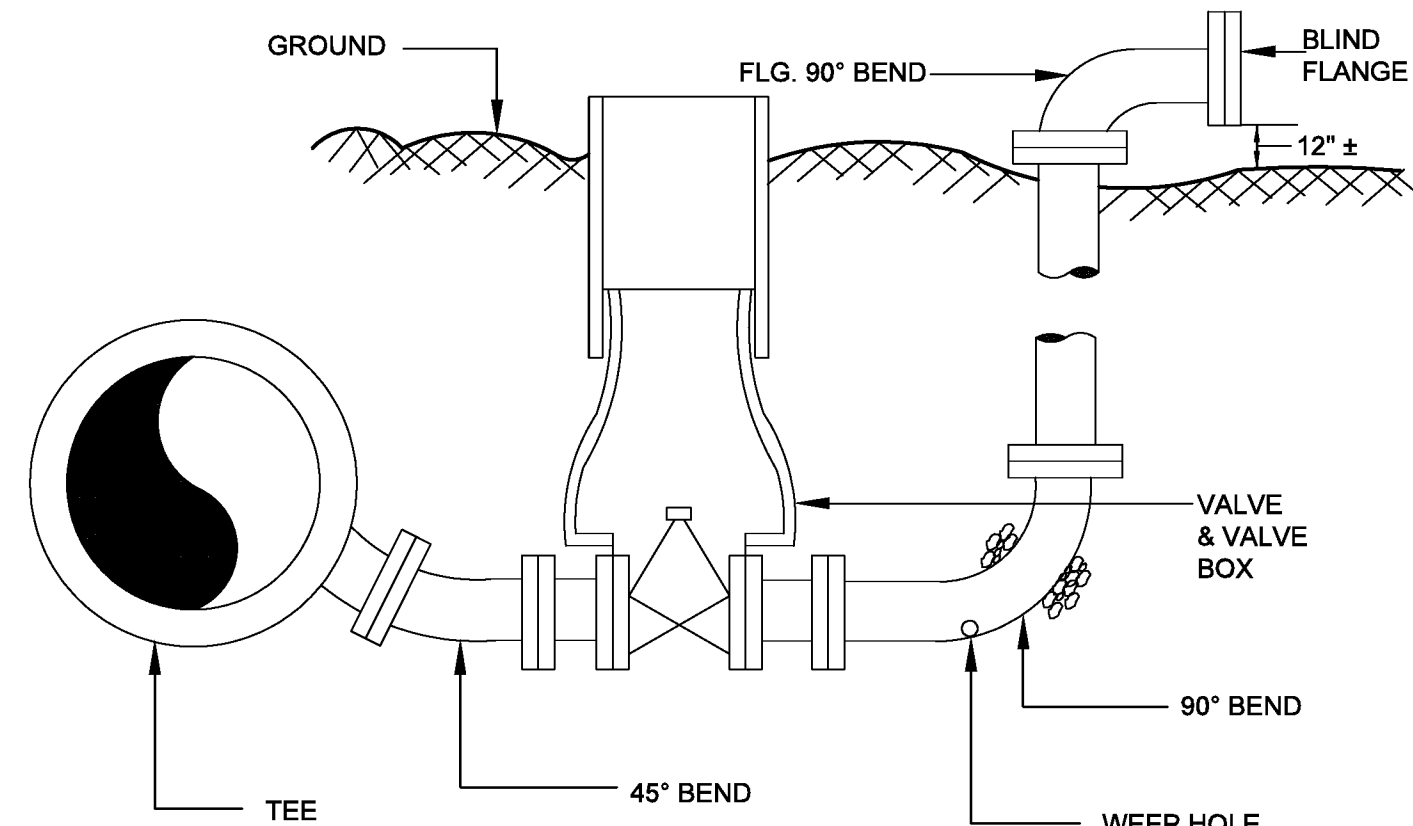


OWNER
RAPPAHANNOCK COMMUNITY COLLEGE
12745 COLLEGE DRIVE
GLENN, VA 23149
CONTACT: MARK BEAVER
PHONE: (804)758-6764
FAX: (804)758-3852
EMAIL: MBEAVER@RAPPAHANNOCK.EDU

ENGINEER
TIMMONS GROUP
1001 BOULDERS PARKWAY, SUITE 300
RICHMOND, VA 23225
CONTACT: WES HUNNIUS, P.E.
PHONE: (804)200-6385
FAX: (804)560-1438
EMAIL: WES.HUNNIUS@TIMMONS.COM

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL PAY FOR AND OBTAIN ALL REQUIRED PERMITS AND DELIVER COPIES TO THE OWNER AT THE PRE-CONSTRUCTION MEETING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY LAND DISTURBANCE PERMIT(S) FROM GLOUCESTER COUNTY AND PREPARING AND SUBMITTING THE VIRGINIA STORMWATER MANAGEMENT PLAN PROGRAM (VSMP) PERMIT TO THE VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION (DCR).
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXTENDING POWER FOR HEAT TRACING AND OTHER ANCILLARY ELECTRICAL ITEMS FROM THE ADJACENT FACILITIES MAINTENANCE WAREHOUSE BUILDING IN APPROPRIATELY SIZE CONDUIT.
4. HORIZONTAL DATUM: NAD 83
VERTICAL DATUM: NGVD 88
5. STAKING FOR CONSTRUCTION, TO ASSURE PROPER LOCATION OF PROJECT COMPONENTS SHALL BE PERFORMED BY A CERTIFIED LAND SURVEYOR.
6. ALL EXISTING PROPERTY MARKERS ARE TO REMAIN UNDISTURBED. IF DISTURBANCE OCCURS, REPLACEMENT MUST BE PERFORMED BY A CERTIFIED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
7. WORK AREAS SHALL BE KEPT AT ALL TIMES FREE OF DEBRIS AND HAZARDOUS MATERIAL TO THE SATISFACTION OF THE INSPECTOR/OWNER.
8. THE CONTRACTOR SHALL COORDINATE STORAGE OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK WITH THE INSPECTOR/OWNER.
9. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL EXISTING FEATURES, SUCH AS GUARDRAIL, SIDEWALKS, BRICKWORK, CULVERTS, FENCES, SHRUBS, PLANTERS, ETC. TO THEIR ORIGINAL LOCATION AND CONDITION WHICH EXISTED PRIOR TO CONSTRUCTION. TOTAL REPLACEMENT MAY BE NECESSARY.
10. THE LOCATION OF EXISTING UTILITIES ACROSS OR ALONG THE ROUTE OF THE PROPOSED WORK IS NOT NECESSARILY SHOWN ON THE PLANS, AND WHEN SHOWN, IS ONLY APPROXIMATELY CORRECT. IN ADDITION TO CONTACTING MISS UTILITY PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL, ON HIS OWN INITIATIVE, LOCATE ALL EXISTING UNDERGROUND LINES, FACILITIES, AND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY UNDERGROUND LINES, FACILITIES, AND STRUCTURES DAMAGED.
11. CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY COMPANIES PRIOR TO CONSTRUCTING PORTIONS OF WORK IMMEDIATELY ADJACENT TO UTILITY STRUCTURES. THE COSTS OF POLE AND/OR OTHER STRUCTURE STABILIZATION DURING WORK SHALL BE BORNE BY THE CONTRACTOR.
12. ALL WORK SHALL BE SUBJECT TO INSPECTION BY BOTH STATE AND LOCAL INSPECTORS.
13. CONTRACTOR SHALL PROVIDE A REGISTERED LAND DISTURBER (RLD) FOR THE DURATION OF THE PROJECT.
14. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH BCOM, NFPA AND GLOUCESTER COUNTY STANDARDS, LATEST EDITIONS.
15. THE DETAILS SHOWN ON THE DRAWINGS INDICATE GENERAL INTENT ONLY. ALL SUCH ELEMENTS SHALL BE DESIGNED TO COMPLY WITH NFPA 13-2007 AND 22-2003.

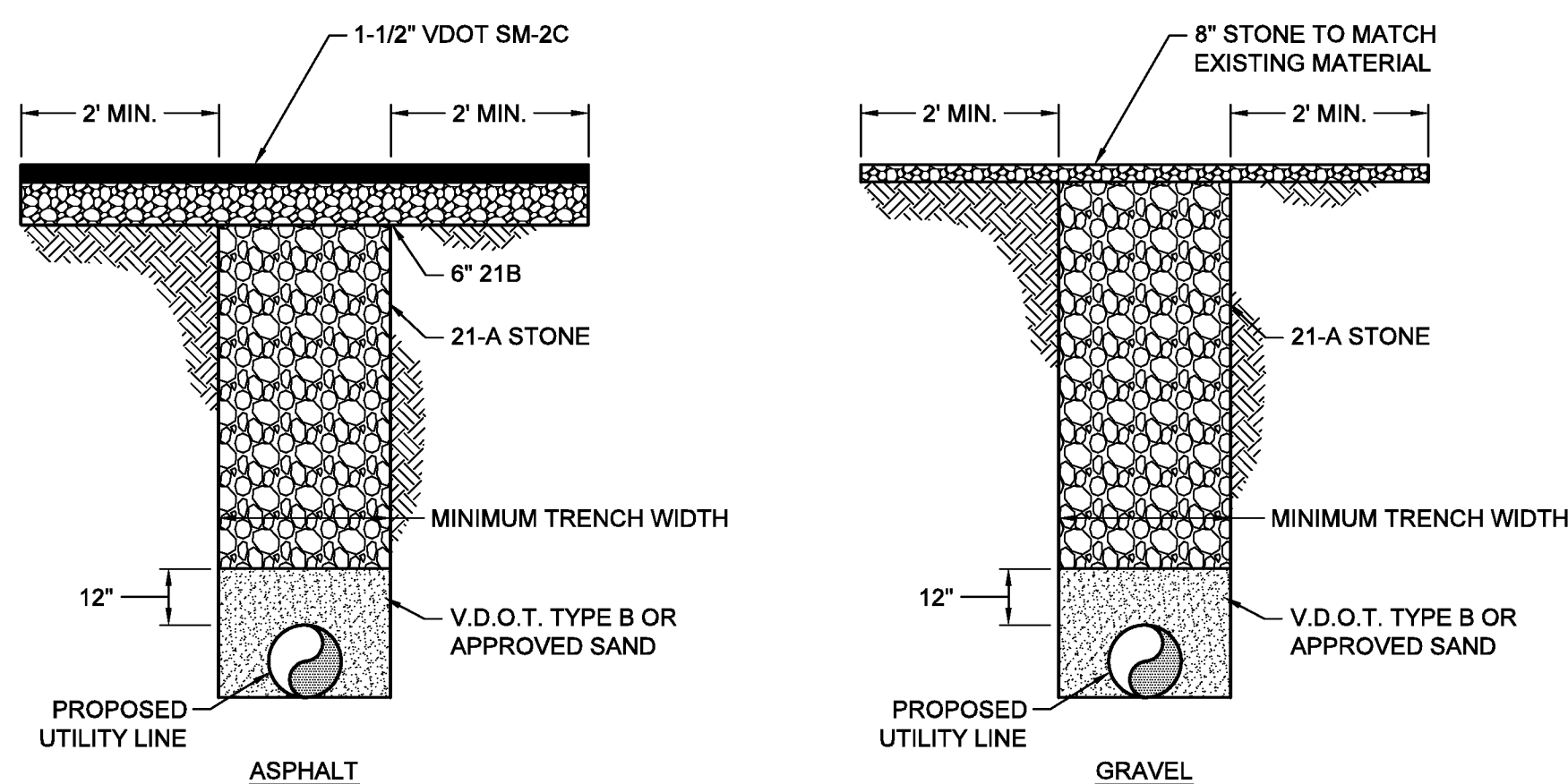


NOTES:

1. BLOW-OFF SHALL BE DRAINED TO PREVENT FREEZING
2. ALL PIPE AND FITTINGS SHALL BE FLANGED OR M.J. RESTRAIN JOINTS.
3. WEEP HOLE TO BE CUT/DRILLED 2" MIN. BELOW GROUND LEVEL TO SUFFICIENTLY ALLOW STAND PIPE TO DRAIN. BACKFILL WITH AT LEAST 1/2 CUBIC YARD OF CLEAN STONE AROUND WEEP HOLE.

BLOWOFF HYDRANT/TANK DRAIN DETAIL

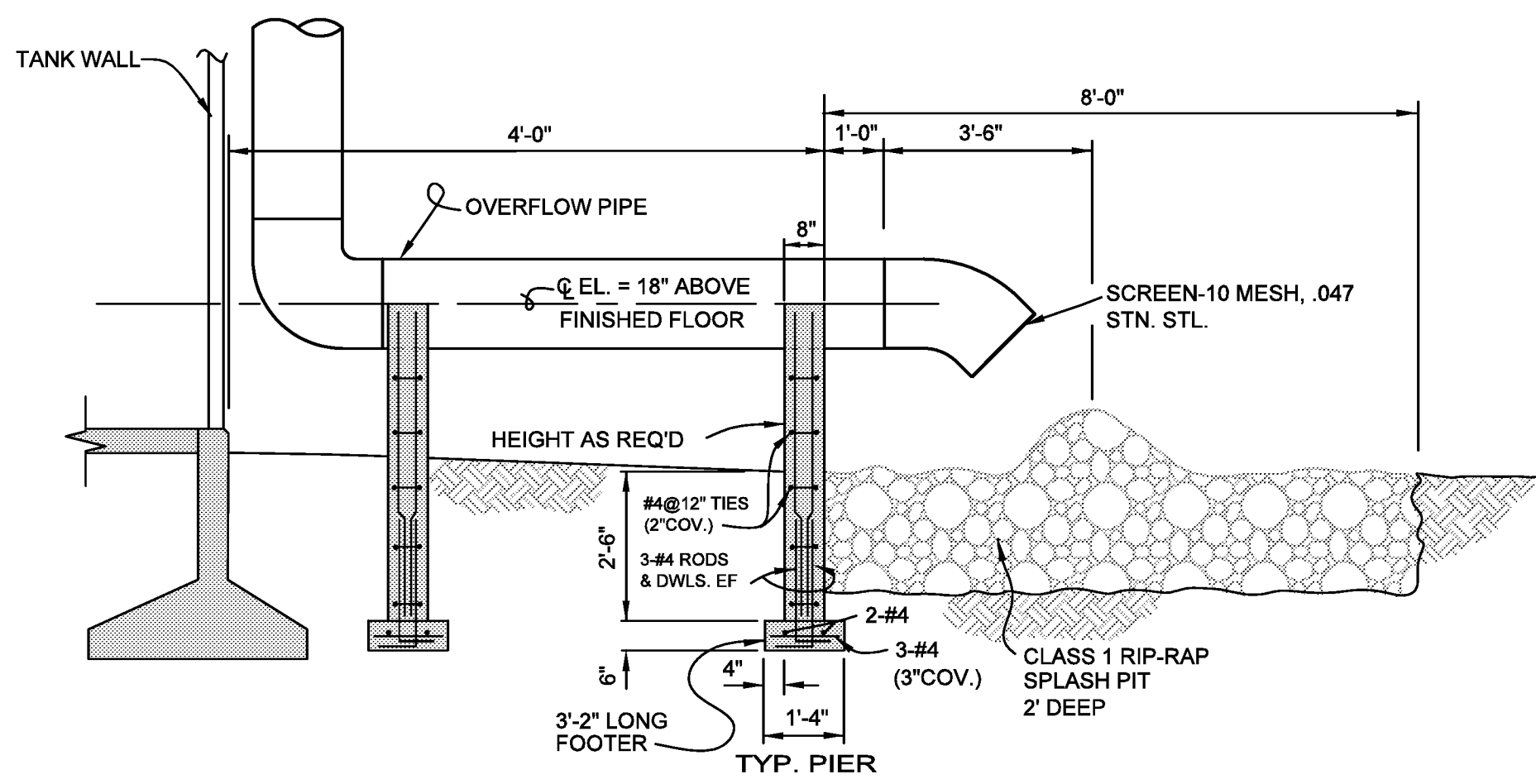
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TYPICAL SECTION FOR REPAIR OF OPEN CUT ACROSS VEHICULAR ACCESS WAYS

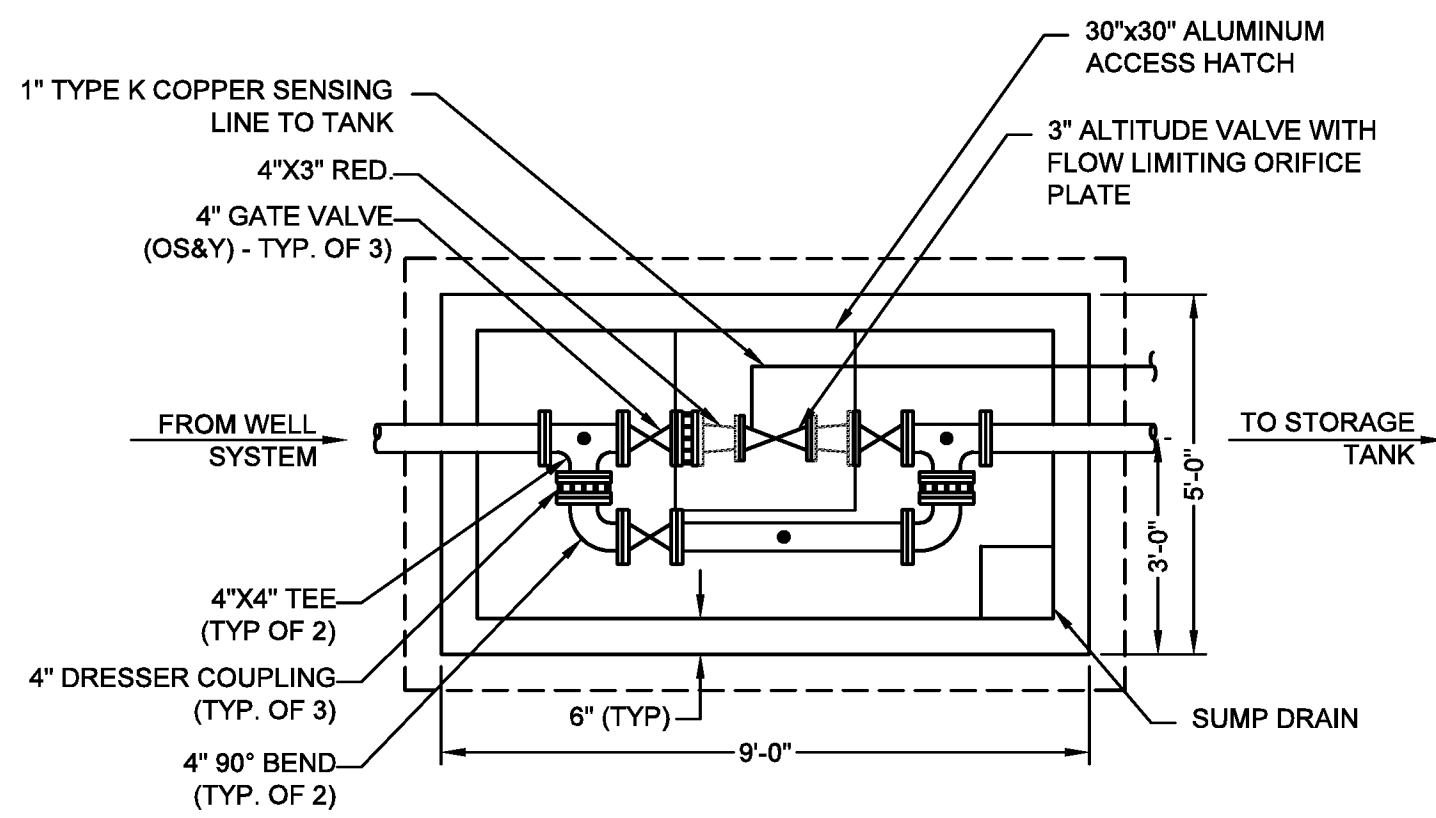
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OVERFLOW SPLASH PIT

SCALE: NOT TO SCALE

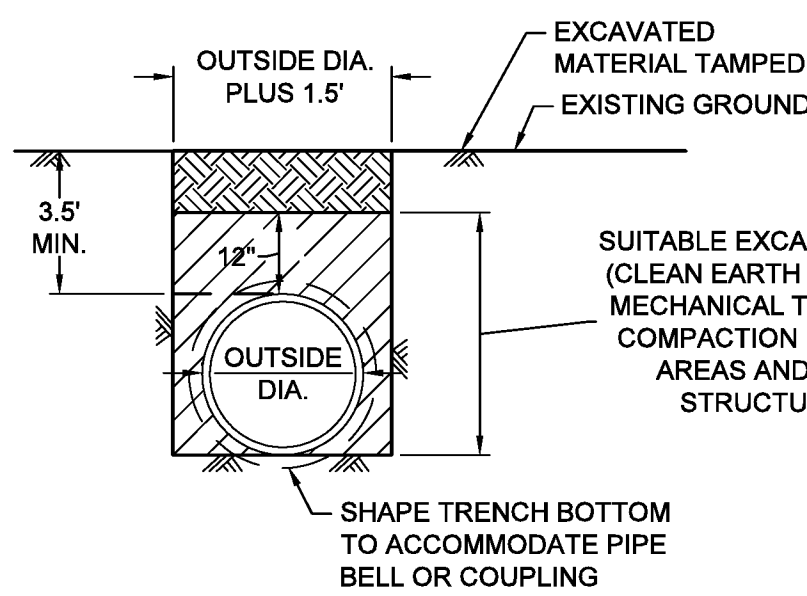


ALTITUDE VALVE VAULT

SCALE: NOT TO SCALE

NOTES:

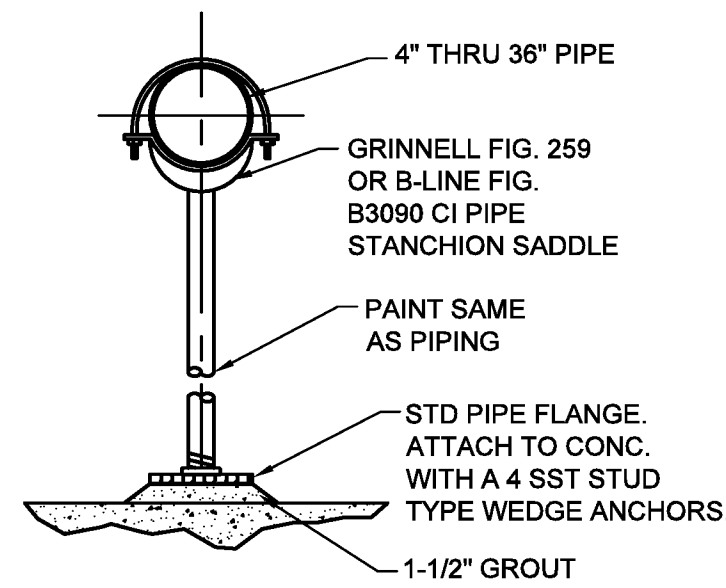
1. PROVIDE LINK SEALS FOR ALL PIPE PENETRATIONS (GROUT ANNULAR SPACE).
2. HEAT TRACE AND INSULATE ALL PIPING.
3. PROVIDE TAMPER SWITCH ON ALL GATE VALVES.



PRESSURE PIPE TRENCH DETAIL (IN SOIL)

SCALE: NOT TO SCALE

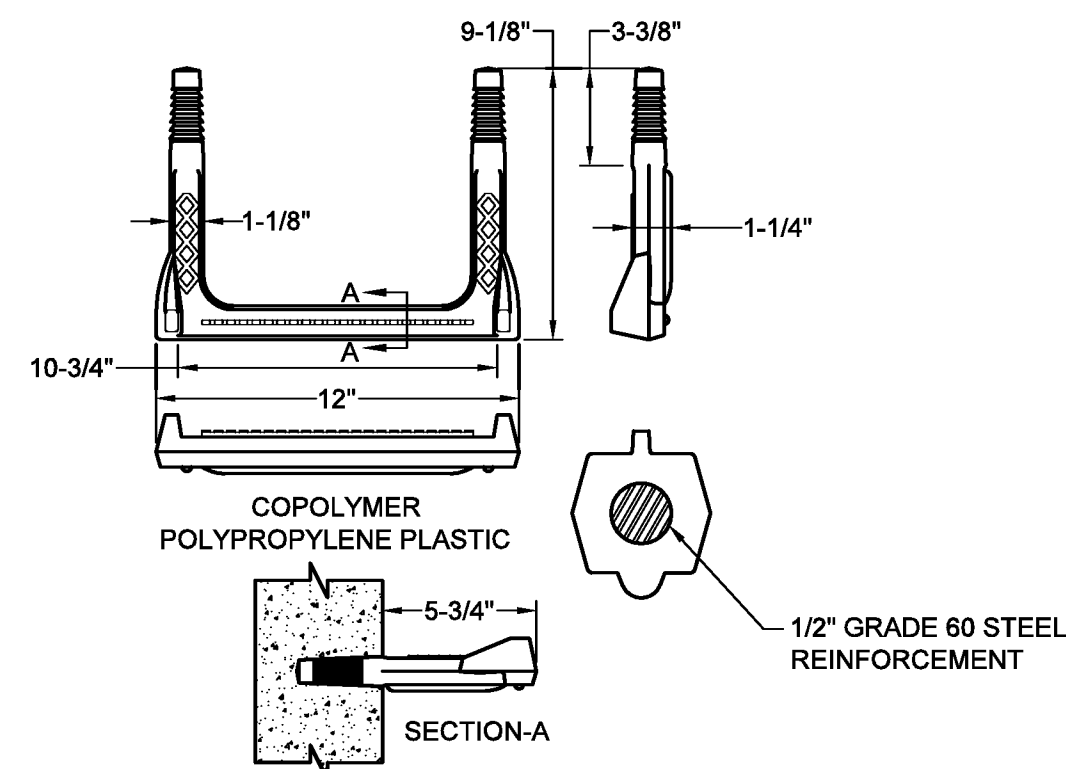
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PIPE SUPPORT (4" THROUGH 36")

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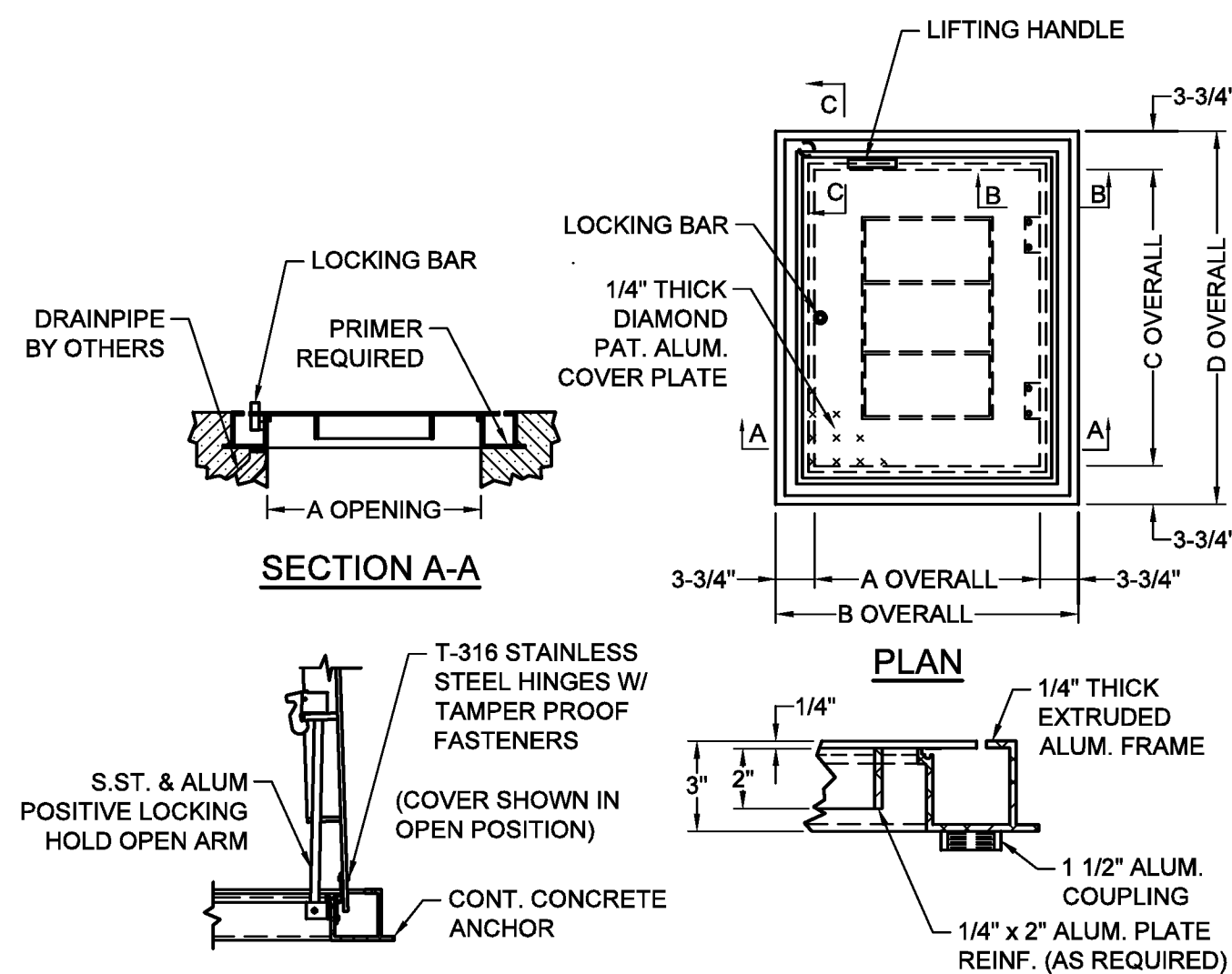
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STANDARD MANHOLE STEP

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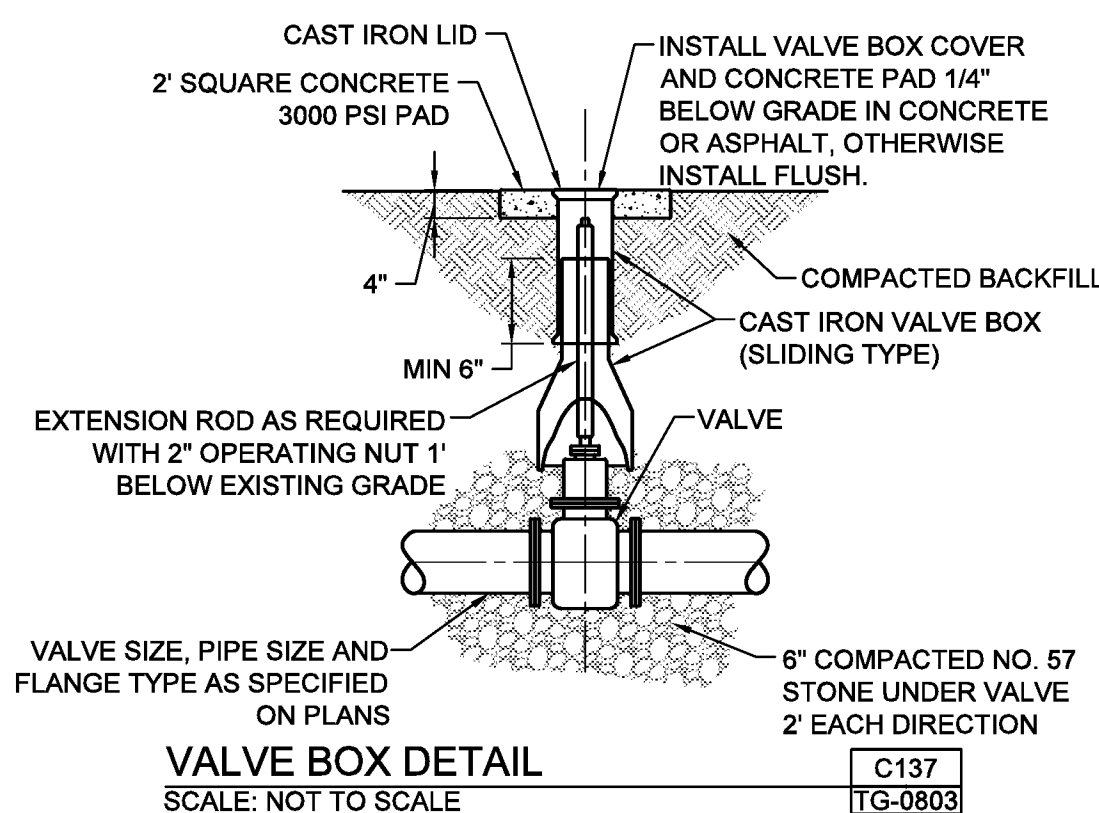
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HATCH DETAIL

SCALE: NOT TO SCALE

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TG-0803



VALVE BOX DETAIL

SCALE: NOT TO SCALE

C137
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TIMMONS GROUP
A PROFESSIONAL LIMITED COMPANY
DESIGN • CONSTRUCTION • MAINTENANCE
1001 Boulders Parkway, Suite 300
Richmond, VA 23225
TEL 804.200-6500
FAX 804.560-1016

mbj ARCHITECTURE
A Professional Limited Company
GROVE PARK SQUARE
11537-B NUCKOLS ROAD
Glen Allen, Virginia 23059
TEL (804) 273-9811 FAX (804) 273-9843

**RAPPAHANNOCK
COMMUNITY COLLEGE**
CAMPUS RENOVATIONS
WARSAW + GLENN, VIRGINIA
PC: 260-17712

NOTES AND DETAILS

Date: JANUARY 13, 2010	
REVISIONS	
NO.	DATE
Δ	REV. WORK 3/3/2010
COMMONWEALTH OF VIRGINIA WESLEY G. HUNNIUS Lic. No. 0401512 PROFESSIONAL ENGINEER	
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